

CHIHUAHUA DESERT NETWORK		Ozone -----					NADP (kg/ha/yr) === Visibility - IMPROVE			
PARK	CLASS	2ndHi1hr	4thHi8hr	#8hr>85	#1hr>100	Sum06_3Mo	Total S	Total N	bextClear	bextHazy
Amistad NRA	2	108.7	80.4	5.0	11.8	12.6	1.88	2.15	11	50
Big Bend NP	1	95.5	71.0	1.0	3.3	8.0	1.16	1.38	12	55
Carlsbad Caverns NP	1	104.5	72.2	1.0	4.3	14.0	1.25	1.54	11	43
Fort Davis NHS	2	103.8	72.7	1.2	4.6	10.9	1.16	1.45	11	46
Guadalupe Mountains NP	1	105.0	72.4	1.0	4.4	14.0	1.25	1.53	11	43
White Sands NM	2	102.1	71.7	0.9	3.7	13.8	1.09	1.44	9	35

Class: refers to an area's designation under the Clean Air Act

Ozone information represents 5-yr average of annual values from 1995-1999

2nd High 1 hr concentration (ppb): indicates peak values for ozone; old standard of 0.12 ppm (120 ppb) was based on 2nd hi, 1-hr average

4th high 8 hr concentration (ppb): new ozone standard of 0.08 ppm (80 ppb) is based on 4th hi, 8-hr average

#8 hours>85 ppb: indicates how often the area would be in violation of the new 8-hr standard of 0.08 ppb

hours> 100 ppb: high peaks in ozone concentration, as well as cumulative dose, contribute to vegetation injury

SUM06_3mon (ppm-hrs) - sum of hourly ozone conc≥0.06 ppm (60 ppb) over 3 months (← growing season), i.e., cumulative ozone dose

NADP information represents 6-yr average of annual values from 1995-2000

NADP deposition (kg/ha/yr): estimate of pollutants deposited to ecosystem by precipitation (NADP-National Atmospheric Deposition Program)

NADP Total S - sulfur from sulfate deposited by precipitation

NADP Total N - inorganic nitrogen (ammonium plus nitrate) deposited by precipitation

Visibility IMPROVE information represents 5-yr average of annual values from 1995-1999

bextClear - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average clear day

bextHazy - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average hazy day